

IN THE CLAIMS:

1-19 (cancelled).

20 (original). A fluid composition comprising:
from 0.001 to 20 percent by weight of an adduct of hydrogen fluoride and a Lewis base;
and
from 50 to 99.999 percent by weight of carbon dioxide.

21 (original). The composition according to claim 20, wherein said composition is nonaqueous.

22 (original). The composition according to claim 20, wherein said Lewis base has a pKa of at least 5.

23 (original). The composition according to claim 20, wherein said Lewis base is pyridine, poly(vinylpyridine), or triethyl amine.

24 (original). The composition according to claim 20, further comprising from 0.1 percent to 40 percent by weight of a cosolvent.

25 (original). The composition according to claim 20, further comprising from 0.1 percent to 5 percent by weight of a surfactant.

26 (original). The composition according to claim 20, wherein said carbon dioxide is liquid carbon dioxide.

27 (original). The composition according to claim 20, wherein said carbon dioxide is supercritical carbon dioxide.

28 (original). The composition according to claim 20, said fluid having a density of from 0.150 g/cc to 1.1 g/cc and a temperature of from 0 to 80 degrees C.

29-36 (Cancelled).

37 (previously presented). A fluid composition comprising:
from 0.001 to 20 percent by weight of an adduct of hydrogen fluoride and a Lewis base;
from 50 to 99.999 percent by weight of liquid carbon dioxide;
wherein said composition is nonaqueous.

38 (previously presented). The composition according to claim 37, wherein said Lewis base has a pKa of at least 5.

39 (previously presented). The composition according to claim 37, wherein said Lewis base is pyridine, poly(vinylpyridine), or triethyl amine.

40 (previously presented). The composition according to claim 37, further comprising from 0.1 percent to 40 percent by weight of a cosolvent.

41 (previously presented). The composition according to claim 37, further comprising from 0.1 percent to 5 percent by weight of a surfactant.

42 (canceled).

43 (New). A fluid composition comprising:
from 0.001 to 20 percent by weight [pyridium poly(hydrogen fluoride)];
from 50 to 99.999 percent by weight of liquid carbon dioxide;
wherein said composition is nonaqueous.

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44 (New). The composition according to claim 43, further comprising from 0.1 percent to 40 percent by weight of a cosolvent.

45 (New). The composition according to claim 43, further comprising from 0.1 percent to 5 percent by weight of a surfactant.